

Product Information

TRPV inhibitor A-889425, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ394

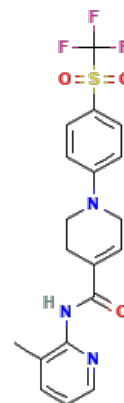
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 1072921-02-8

Compound CID: 76848882

Synonym: 1072921-02-8; TRPV inhibitor; A889425; A 889425

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	A-889425 blocks the activity of transient receptor potential vanilloid channels, often used to study pain mechanisms.
Molecular Weight	425.425
Molecular Formula	C ₁₉ H ₁₈ F ₃ N ₃ O ₃ S
IUPAC Name	<i>N</i> -(3-methylpyridin-2-yl)-1-[4-(trifluoromethylsulfonyl)phenyl]-3,6-dihydro-2 <i>H</i> -pyridine-4-carboxamide
InChI	InChI=1S/C19H18F3N3O3S/c1-13-3-2-10-23-17(13)24-18(26)14-8-11-25(12-9-14)15-4-6-16(7-5-15)29(27,28)19(20,21)22/h2-8,10H,9,11-12H2,1H3,(H,23,24,26)
InChI Key	KACDTVMXDRFPPA-UHFFFAOYSA-N
Canonical SMILES	CC1=C(N=CC=C1)NC(=O)C2=CCN(CC2)C3=CC=C(C=C3)S(=O)(=O)C(F)(F)F
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	A-889425 is studied as a TRPV inhibitor, relevant in research on pain pathways and inflammatory responses.
Storage	Store at -20°C, and keep desiccated.